

Converting Colors

CIELCh(75, 9.811, 215.117)

Have a look what the booklet for
CIELCh(75, 9.811, 215.117) contains.

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Color

CIELCh(75, 9.810, 214.781)

Conversions

Conversions Part 1

Format	Color
Hex	A3BEC3
RGB	163, 190, 195
RGB Percent	64%, 75%, 76%
CMY	0.3626, 0.2567, 0.2372
CMYK	0.16, 0.03, 0.00, 0.24
HSL	189°, 21%, 70%
HSV	189°, 16%, 76%
XYZ	43.1168, 48.2781, 58.3943
YIQ	182.4970, -17.6970, -4.1690

Conversions

Conversions Part 2

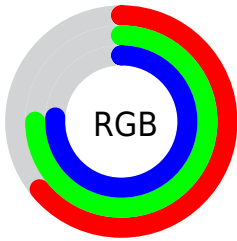
Format	Color
RYB	163, 178, 195
Decimal	10731203
CIELab	75.00, -8.06, -5.60
CIELCh	75, 9.810, 214.781
Yxy	48.2781, 0.2878, 0.3223
Android (android.graphics.Color)	4288921283 (0xFFA3BEC3)
YUV	182.4970, 6.1640, -17.0989
Hunter-Lab	69.4824, -10.8275, -1.1907

Details

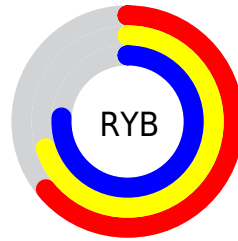
The CIELCh color **75, 9.810, 214.781** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 10.934, 34.564**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 9.883, 217.122**, and **55, 9.789, 212.169** is the 20% darker color. If you saturate the color by 10%, you get **73, 15.267, 215.048**, and if you desaturate by 10%, it is **77, 3.950, 214.698**.

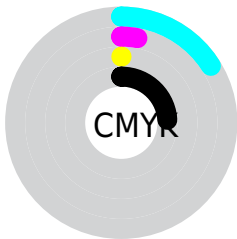
Distribution



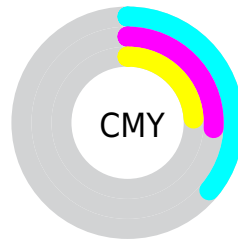
- Red (64%)
- Green (75%)
- Blue (76%)



- Red (64%)
- Yellow (70%)
- Blue (76%)



- Cyan (16%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)



- Cyan (36%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 9.810, 214.781 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 75, 9.810, 214.781 by changing the saturation by 10% instead.

75, 9.810, 214.781

75, 9.810, 214.781

100, 9.810,
214.781

65, 9.810, 214.781

95, 9.810, 214.781

55, 9.810, 214.781

45, 9.810, 214.781

35, 9.810, 214.781

25, 9.810, 214.781

15, 9.810, 214.781

5, 9.810, 214.781

0, 9.810, 214.781

75, 9.810, 214.781

75, 9.810, 214.781

73, 15.267,
215.048

77, 3.950, 214.698

71, 20.226,
215.513

79, 2.226, 34.272

82, 8.642, 34.491

69, 24.588,
216.206

84, 15.234, 34.621

68, 28.263,
217.177

86, 20.109, 35.967

87, 19.508, 41.144

66, 31.182,
218.488

88, 19.080, 46.601

65, 33.309,
220.205

89, 18.837, 52.251

89, 18.784, 57.985

64, 34.664,
222.394

62, 35.346,
225.095

62, 35.524,

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



75, 9.810, 214.781



71, 10.934, 34.564

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75, 9.810, 214.781



75, 9.810, 264.781



75, 9.810, 34.781



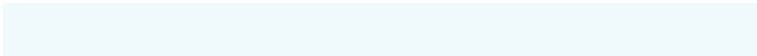
75, 9.810, 84.781

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



75, 9.810, 214.771



98, 3.800, 214.722



76, 18.978, 147.771



52, 2.609, 214.707



0, 0.000, 0.000



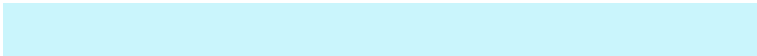
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75, 9.810, 214.771



94, 14.568, 214.857



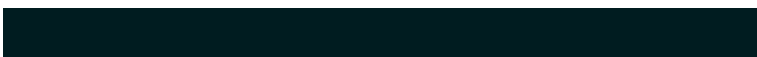
71, 11.928, 272.062



40, 3.439, 214.688



52, 30.834, 225.640



8, 10.635, 219.240

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



70, 18.944, 330.018



87, 28.504, 330.260



75, 12.004, 87.683



38, 6.487, 329.575



37, 72.501, 335.513



4, 20.896, 332.398

Previews

White Background



This preview shows how the CIELCh color 75, 9.810, 214.781 looks on a white background.

Color Contrast Check

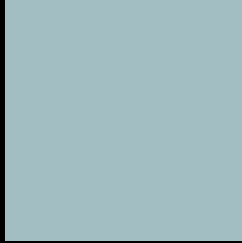
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 75, 9.810, 214.781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

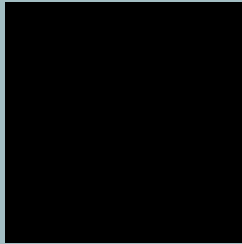
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

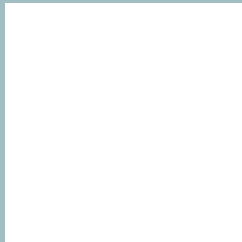
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 9.810, 214.781

Background



This preview shows how black text looks on a background with the CIELCh color 75, 9.810, 214.781.

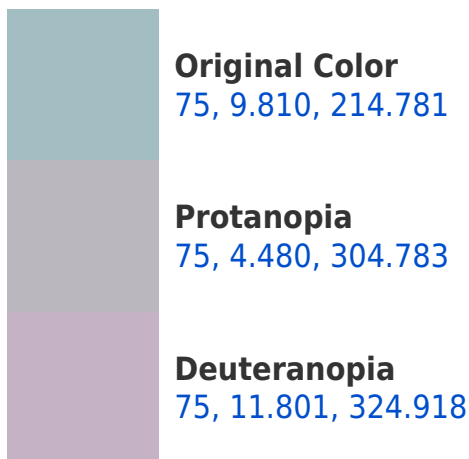


This preview shows how white text looks on a background with the CIELCh color 75, 9.810, 214.781.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
75, 11.422, 244.327

Trichromacy



Original Color
75, 9.810, 214.781

Protanomaly
75, 4.717, 252.764

Deuteranomaly
75, 7.045, 293.786

Tritanomaly
75, 10.672, 232.800

Monochromacy



Original Color
75, 9.810, 214.781

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 3.783, 215.891

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 9.810, 214.781 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(163, 190, 195)` looks like.

```
.text, #text, p{  
    color:rgb(163, 190, 195)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(163, 190, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 190, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 9.810, 214.781 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 190, 195) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(163, 190, 195) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(163, 190, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 190, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 190, 195);  
box-shadow:4px 4px 4px 4px rgb(163, 190,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 9.810, 214.781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 190, 195) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(163,  
190, 195) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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